

Welder Performance Qualification Record (WPQ)

Welder's Name	Edgardo Batista	ID. #	9325	Stamp #	EB (74)
WPS No.	PISL-GTAW-SS				
Welding Process(es)	Gas Tungsten Arc Welding (GTAW)			Type	Manual
Base Material(s)	SA-106 Gr. B	To	SA-106 Gr. B	Thickness	0.147"
<u>Manual or Semi-Automatic Variables for Each Process</u>			<u>Actual Values</u>	<u>Range Qualified</u>	
Backing	F6- Without			F6-With/Without	
ASME P-No. To P- No.	P1 to P1			P1 to P15E	
<input type="checkbox"/> Plate <input checked="" type="checkbox"/> Pipe (enter diameter, if pipe)	1/2"			1/2" NPS Minimum	
Filler Metal Specification (SFA) Classification	Root/Fill	5.18			5.18
Filler Metal Group No.	Root/Fill	6			6
Filler Metal Product Form	Solid Rod			Solid Rod	
Consumable Insert for GTAW or PAW	None			None	
Weld Deposit Thickness	F 6	0.147"			0.294" Maximum
Welding Position	6G (Three Coupon)*			All	
Maximum Deposition Rate	N/A				
Welding Progression (Uphill/ Downhill)	Uphill			Uphill	
Backing Gas for GTAW, PAW, GMAW or FCAW/G	None			With/ Without Argon	
GMAW Transfer Mode	N/A			N/A	
FCAW/ GTAW Welding Current Type/ Polarity	DC/ EN			DC/EN	

*Remarks: * Total weld length: 7.93"

Guide Bend Test Results

-	Side	<input checked="" type="checkbox"/> Trans. Root (R) & Face (F)	<input type="checkbox"/> Long. Root & Face	Results
-		T-011419-74-R1-Figure QW-462.3 (a)		Acceptable
-		T-011419-74-R2-Figure QW-462.3 (a)		Acceptable
-		T-011419-74-F1-Figure QW-462.3 (a)		Acceptable
		T-011419-74-F2-Figure QW-462.3 (a)		Acceptable

Radiographic Test Results: None

Visual Examination Results: Face: Acceptable Root: Acceptable

Welding Test Conducted By: Guillermo Castro, LIII

Mechanical Tests Conducted By: Acuren Inspection Services Laboratory Test No. PAUT021621-EB

We certify that the statements in this record are correct and that the test coupons were prepared, welded, tested in accordance with the requirements of ASME Section IX/2013

Organization: Petro Industrial Solutions, LLC

By:


 Adrian Melendez Jr., PM

Date: 02/19/2021

Exhibit H

PIS000186

Welder Performance Qualification Record (WPQ)

Welder's Name	Bernardo Cruz	ID. #	9788	Stamp #	BC (45)
WPS No.	PISL-GTAW-SS				
Welding Process(es)	Gas Tungsten Arc Welding (GTAW)			Type	Manual
Base Material(s)	SA-106 Gr. B	To	SA-106 Gr. B	Thickness	0.147"
<u>Manual or Semi-Automatic Variables for Each Process</u>			<u>Actual Values</u>	<u>Range Qualified</u>	
Backing	F6- Without			F6-With/Without	
ASME P-No. To P- No.	P1 to P1			P1 to P15E	
<input type="checkbox"/> Plate <input checked="" type="checkbox"/> Pipe (enter diameter, if pipe)	1/2"			1/2" NPS Minimum	
	Root/Fill	5.18			5.18
Filler Metal Specification (SFA) Classification					
	Root/Fill	-			-
Filler Metal Group No.	6			6	
Filler Metal Product Form	Solid Rod			Solid Rod	
Consumable Insert for GTAW or PAW	None			None	
	F 6	0.147"			0.294" Maximum
Weld Deposit Thickness	-			-	
Welding Position	6G (Three Coupon)*			All	
Maximum Deposition Rate	N/A				
Welding Progression (Uphill/ Downhill)	Uphill			Uphill	
Backing Gas for GTAW, PAW, GMAW or FCAW/G	None			With/ Without Argon	
GMAW Transfer Mode	N/A			N/A	
FCAW/ GTAW Welding Current Type/ Polarity	DC/ EN			DC/EN	

*Remarks: * Total weld length: 7.99"

Bernardo Cruz

Guide Bend Test Results

-	Side	<input checked="" type="checkbox"/> Trans. Root (R) & Face (F)	<input type="checkbox"/> Long. Root & Face	Results
-		T-011419-45-R1-Figure QW-462.3 (a)		Acceptable
-		T-011419-45-R2-Figure QW-462.3 (a)		Acceptable
-		T-011419-45-F1-Figure QW-462.3 (a)		Acceptable
		T-011419-45-F2-Figure QW-462.3 (a)		Acceptable

Radiographic Test Results: None

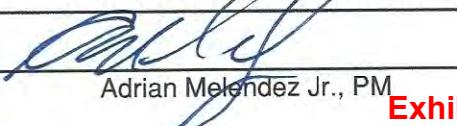
Visual Examination Results: Face: Acceptable Root: Acceptable

Welding Test Conducted By: Guillermo Castro, LIII

Mechanical Tests Conducted By: Acuren Inspection Services Laboratory Test No. PAUT021621-BC

We certify that the statements in this record are correct and that the test coupons were prepared, welded, tested in accordance with the requirements of ASME Section IX/2013

Organization: Petro Industrial Solutions, LLC

By: 

Adrian Melendez Jr., PM

Date: 02/19/2021

Exhibit H

PISO00187

Welder Performance Qualification Record (WPQ)

Welder's Name	George Rodriguez	ID. #	6471	Stamp #	JR (10)
WPS No.	PISL-GTAW-SS				
Welding Process(es)	Gas Tungsten Arc Welding (GTAW)			Type	Manual
Base Material(s)	SA-106 Gr. B	To	SA-106 Gr. B	Thickness	0.147"
<u>Manual or Semi-Automatic Variables for Each Process</u>			<u>Actual Values</u>	<u>Range Qualified</u>	
Backing	F6- Without			F6-With/Without	
ASME P-No. To P- No.	P1 to P1			P1 to P15E	
<input type="checkbox"/> Plate <input checked="" type="checkbox"/> Pipe (enter diameter, if pipe)	1/2"			1/2" NPS Minimum	
Filler Metal Specification (SFA) Classification	Root/Fill	5.18			5.18
Filler Metal Group No.	Root/Fill	6			6
Filler Metal Product Form	Solid Rod			Solid Rod	
Consumable Insert for GTAW or PAW	None			None	
Weld Deposit Thickness	F 6	0.147"			0.294" Maximum
Welding Position	6G (Three Coupon)*			All	
Maximum Deposition Rate	N/A				
Welding Progression (Uphill/ Downhill)	Uphill			Uphill	
Backing Gas for GTAW, PAW, GMAW or FCAW/G	None			With/ Without Argon	
GMAW Transfer Mode	N/A			N/A	
FCAW/ GTAW Welding Current Type/ Polarity	DC/ EN			DC/EN	

*Remarks: * Total weld length: 7.98"

Guide Bend Test Results

-	Side	X Trans. Root (R) & Face (F)	<input type="checkbox"/> Long. Root & Face	Results
-		T-011419-10-R1-Figure QW-462.3 (a)		Acceptable
-		T-011419-10-R2-Figure QW-462.3 (a)		Acceptable
-		T-011419-10-F1-Figure QW-462.3 (a)		Acceptable
		T-011419-10-F2-Figure QW-462.3 (a)		Acceptable

Radiographic Test Results: None

Visual Examination Results: Face: Acceptable Root: Acceptable

Welding Test Conducted By: Guillermo Castro, LIII

Mechanical Tests Conducted By: Acuren Inspection Services Laboratory Test No. PAUT021621-JR

We certify that the statements in this record are correct and that the test coupons were prepared, welded, tested in accordance with the requirements of ASME Section IX/2013

Organization: Petro Industrial Solutions, LLC

By:

Adrian Melendez-Jr., PM

Date: 02/19/2021

Exhibit H

PIS000188

Welder Performance Qualification Record (WPQ)

Welder's Name	Fernando Lebron		ID. #	2151	Stamp #	FL (52)
WPS No.			PISL-GTAW-SS			
Welding Process(es)	Gas Tungsten Arc Welding (GTAW)			Type	Manual	
Base Material(s)	SA-106 Gr. B	To	SA-106 Gr. B	Thickness	0.147"	
<u>Manual or Semi-Automatic Variables for Each Process</u>			<u>Actual Values</u>	<u>Range Qualified</u>		
Backing	F6- Without			F6-With/Without		
ASME P-No. To P- No.	P1 to P1			P1 to P15E		
<input type="checkbox"/> Plate <input checked="" type="checkbox"/> Pipe (enter diameter, if pipe)	1/2"			1/2" NPS Minimum		
Filler Metal Specification (SFA) Classification	Root/Fill	5.18			5.18	
Filler Metal Group No.	Root/Fill	6			6	
Filler Metal Product Form	Solid Rod			Solid Rod		
Consumable Insert for GTAW or PAW	None			None		
Weld Deposit Thickness	F 6	0.147"			0.294" Maximum	
Welding Position	6G (Three Coupon)*			All		
Maximum Deposition Rate	N/A					
Welding Progression (Uphill/ Downhill)	Uphill			Uphill		
Backing Gas for GTAW, PAW, GMAW or FCAW/G	None			With/ Without Argon		
GMAW Transfer Mode	N/A			N/A		
FCAW/ GTAW Welding Current Type/ Polarity	DC/ EN			DC/EN		
*Remarks: * Total weld length: 7.95"						

Guide Bend Test Results

-	Side	<input checked="" type="checkbox"/> Trans. Root (R) & Face (F)	<input type="checkbox"/> Long. Root & Face	Results
-		T-112118-52-R1-Figure QW-462.3 (a)		Acceptable
-		T-112118-52-R2-Figure QW-462.3 (a)		Acceptable
-		T-112118-52-F1-Figure QW-462.3 (a)		Acceptable
		T-112118-52-F2-Figure QW-462.3 (a)		Acceptable

Radiographic Test Results: None

Visual Examination Results: Face: Acceptable Root: Acceptable

Welding Test Conducted By: Guillermo Castro, LIII

Mechanical Tests Conducted By: Acuren Inspection Services Laboratory Test No. PAUT033021-FL

We certify that the statements in this record are correct and that the test coupons were prepared, welded, tested in accordance with the requirements of ASME Section IX/2013

Organization: Petro Industrial Solutions, LLC

By:

Adrian Melendez Jr., PM

Date: 04/01/2021

Exhibit H

PIS000189

Welder Performance Qualification Record (WPQ)

Welder's Name	Jonathan Rodriguez		ID. #	7145	Stamp #	JR2 (49)
WPS No.			PISL-GTAW-SS			
Welding Process(es)	Gas Tungsten Arc Welding (GTAW)			Type	Manual	
Base Material(s)	SA-106 Gr. B	To	SA-106 Gr. B	Thickness	0.147"	
<u>Manual or Semi-Automatic Variables for Each Process</u>			<u>Actual Values</u>	<u>Range Qualified</u>		
Backing	F6- Without			F6-With/Without		
ASME P-No. To P- No.	P1 to P1			P1 to P15E		
<input type="checkbox"/> Plate <input checked="" type="checkbox"/> Pipe (enter diameter, if pipe)	1/2"			1/2" NPS Minimum		
Filler Metal Specification (SFA) Classification	Root/Fill	5.18			5.18	
Filler Metal Group No.	Root/Fill	6			6	
Filler Metal Product Form	Solid Rod			Solid Rod		
Consumable Insert for GTAW or PAW	F 6	None			None	
Weld Deposit Thickness	-	0.147"			0.294" Maximum	
Welding Position	6G (Three Coupon)*			All		
Maximum Deposition Rate	N/A					
Welding Progression (Uphill/ Downhill)	Uphill			Uphill		
Backing Gas for GTAW, PAW, GMAW or FCAW/G	None			With/ Without Argon		
GMAW Transfer Mode	N/A			N/A		
FCAW/ GTAW Welding Current Type/ Polarity	DC/ EN			DC/EN		

*Remarks: * Total weld length: 7.91"

Guide Bend Test Results

-	Side	<input checked="" type="checkbox"/> Trans. Root (R) & Face (F)	<input type="checkbox"/> Long. Root & Face	Results
-		T-052918-49-R1-Figure QW-462.3 (a)		Acceptable
-		T-052918-49-R2-Figure QW-462.3 (a)		Acceptable
-		T-052918-49-F1-Figure QW-462.3 (a)		Acceptable
		T-052918-49-F2-Figure QW-462.3 (a)		Acceptable

Radiographic Test Results: None

Visual Examination Results: Face: Acceptable Root: Acceptable

Welding Test Conducted By: Guillermo Castro, LIII

Mechanical Tests Conducted By: Acuren Inspection Services Laboratory Test No. PAUT033021-JR2

We certify that the statements in this record are correct and that the test coupons were prepared, welded, tested in accordance with the requirements of ASME Section IX/2013

Organization: Petro Industrial Solutions, LLC

By:

Adrian Melendez Jr., PM

Date: 04/01/2021

Exhibit H

PIS000190

Welder Performance Qualification Record (WPQ)

Welder's Name Richael Philips ID. # 4799 Stamp # RP (51)

WPS No. PISL-GTAW-SS

Welding Process(es) Gas Tungsten Arc Welding (GTAW) Type Manual

Base Material(s) SA-106 Gr. B To SA-106 Gr. B Thickness 0.147"

Manual or Semi-Automatic Variables for Each Process Actual Values Range Qualified

Backing F6- Without F6-With/Without

ASME P-No. To P- No. P1 to P1 P1 to P15E

Plate Pipe (enter diameter, if pipe) 1/2" 1/2" NPS Minimum

Filler Metal Specification (SFA) Classification Root/Fill 5.18 5.18

Filler Metal Group No. Root/Fill 6 6

Filler Metal Product Form Solid Rod Solid Rod

Consumable Insert for GTAW or PAW None None

Weld Deposit Thickness F 6 0.147" 0.294" Maximum

Welding Position - 6G (Three Coupon)* All

Maximum Deposition Rate N/A

Welding Progression (Uphill/ Downhill) Uphill Uphill

Backing Gas for GTAW, PAW, GMAW or FCAW/G None With/ Without Argon

GMAW Transfer Mode N/A N/A

FCAW/ GTAW Welding Current Type/ Polarity DC/ EN DC/EN

*Remarks: * Total weld length: 7.91"

Guide Bend Test Results

<input type="checkbox"/> Side	<input checked="" type="checkbox"/> Trans. Root (R) & Face (F)	<input type="checkbox"/> Long. Root & Face	Results
-	T-082118-51-R1-Figure QW-462.3 (a)		Acceptable
-	T-082118-51-R2-Figure QW-462.3 (a)		Acceptable
-	T-082118-51-F1-Figure QW-462.3 (a)		Acceptable
	T-082118-51-F2-Figure QW-462.3 (a)		Acceptable

Radiographic Test Results: None

Visual Examination Results: Face: Acceptable Root: Acceptable

Welding Test Conducted By: Guillermo Castro, LIII

Mechanical Tests Conducted By: Acuren Inspection Services Laboratory Test No. PAUT031721-RP

We certify that the statements in this record are correct and that the test coupons were prepared, welded, tested in accordance with the requirements of ASME Section IX/2013

Organization: Petro Industrial Solutions, LLC

By: Adrian Melendez Jr., PM

Date: 3/22/2021

Welder Performance Qualification Record (WPQ)

Welder's Name	Daniel Martinez		ID. #	6941	Stamp #	P22
WPS No.			PISL-GTAW-SS			
Welding Process(es)	Gas Tungsten Arc Welding (GTAW)			Type	Manual	
Base Material(s)	SA-106 Gr. B	To	SA-106 Gr. B	Thickness	0.147"	
<u>Manual or Semi-Automatic Variables for Each Process</u>			<u>Actual Values</u>	<u>Range Qualified</u>		
Backing			F6- Without	F6-With/Without		
ASME P-No. To P- No.			P1 to P1	P1 to P15E		
<input type="checkbox"/> Plate <input checked="" type="checkbox"/> Pipe (enter diameter, if pipe)			1/2"	1/2" NPS Minimum		
Filler Metal Specification (SFA) Classification	Root/Fill		5.18	5.18		
Filler Metal Group No.	Root/Fill		6	6		
Filler Metal Product Form			Solid Rod	Solid Rod		
Consumable Insert for GTAW or PAW	F 6		None	None		
Weld Deposit Thickness			0.147"	0.294" Maximum		
Welding Position			6G (Three Coupon)*	All		
Maximum Deposition Rate			N/A			
Welding Progression (Uphill/ Downhill)			Uphill	Uphill		
Backing Gas for GTAW, PAW, GMAW or FCAW/G			None	With/ Without Argon		
GMAW Transfer Mode			N/A	N/A		
FCAW/ GTAW Welding Current Type/ Polarity			DC/ EN	DC/EN		

*Remarks: * Total weld length: 7.91"

Guide Bend Test Results

-	Side	<input checked="" type="checkbox"/> Trans. Root (R) & Face (F)	<input type="checkbox"/> Long. Root & Face	Results
-		T-052918-06-R1-Figure QW-462.3 (a)		Acceptable
-		T-052918-06-R2-Figure QW-462.3 (a)		Acceptable
-		T-052918-06-F1-Figure QW-462.3 (a)		Acceptable
		T-052918-06-F2-Figure QW-462.3 (a)		Acceptable

Radiographic Test Results: None

Visual Examination Results: Face: Acceptable Root: Acceptable

Welding Test Conducted By: Guillermo Castro, LIII

Mechanical Tests Conducted By: Acuren Inspection Services Laboratory Test No. PAUT052918-P22

We certify that the statements in this record are correct and that the test coupons were prepared, welded, tested in accordance with the requirements of ASME Section IX/2013

Organization: Petro Industrial Solutions, LLC

By: Adrian Melendez Jr., PM

Date: 5/29/2018